THAT WHICH IS CLAIMED IS:

1.   A cardiovascular analysis and research system for use on a global network comprising:

a guideline database for storing a plurality of different medical guidelines for different health conditions relating to cardiovascular disease;

a research database for storing historical patient information data for a plurality of patients;

a processing device associated with the databases for collecting patient information from users via the global network, the processing device comprising

a risk evaluating unit for evaluating the patient information and generating a patient-specific cardiovascular risk report based upon at least one of the different medical guidelines,

a risk reduction unit for evaluating the patient data and generating a physician's patient treatment plan including patient-specific recommendations for reducing cardiovascular risk based upon the different medical guidelines, and

a research unit for correlating historical patient information data and patient compliance with the physician's patient treatment plan to generate outcome-specific research data.

2.   A cardiovascular analysis and research system according to Claim 1 wherein the outcome-specific research data includes cardiovascular health trends.

3. A cardiovascular analysis and research system according to Claim 2 wherein the risk reduction unit generates the physician's patient treatment plan also based upon the cardiovascular health trends.

4. A cardiovascular analysis and research system according to Claim 1 wherein the processing device further comprises an electronic medical record (EMR) generator for generating a patient EMR based upon the patient information, the cardiovascular risk report and the patient treatment plan.

5. A cardiovascular analysis and research system according to Claim 1 wherein the processing device further comprises a patient handout generator for generating patient-specific instructions and educational material including guidelines for at least one of exercise, diet and lifestyle changes based upon the patient information, the cardiovascular risk report and the patient treatment plan.

6. A cardiovascular analysis and research system according to Claim 1 wherein the patient information comprises at least one of gender, age, body mass index (BMI), cholesterol, blood pressure, allergies, diseases, family disease history, symptoms, lifestyle information, and current medications.

7. A cardiovascular analysis and research system according to Claim 1 wherein the different

medical guidelines comprise medical guidelines for
hypertension, diabetes, cholesterol, obesity and
coronary disease.

8.   A cardiovascular analysis and research
system according to Claim 1 wherein the database
further comprises a medication database.

9.   A cardiovascular analysis system according
to Claim 8 wherein the physician's patient treatment
plan includes medication details and options
including contraindications.

10.   A patient analysis and research system for
use on a global network comprising:
    a guideline database for storing a plurality of
different medical guidelines for different health
conditions;
    a research database for storing historical
patient information data for a plurality of patients;
    a processing device associated with the
databases for collecting patient information from
users via the global network, the processing device
comprising
        a risk evaluating unit for evaluating the
        patient information and generating a patient-
        specific risk report based upon at least one of
        the different medical guidelines,
        a risk reduction unit for evaluating the
        patient data and generating a physician's
        patient treatment plan including patient-
        specific recommendations for reducing risk based
        upon the different medical guidelines, and

a research unit for correlating historical
patient information data and patient compliance
with the physician's patient treatment plan to
generate outcome-specific research data.

11. A system according to Claim 10 wherein the
outcome-specific research data includes health
trends.

12. A system according to Claim 11 wherein the
risk reduction unit generates the physician's patient
treatment plan also based upon the health trends.

13. A system according to Claim 11 wherein the
processing device further comprises an electronic
medical record (EMR) generator for generating a
patient EMR based upon the patient information, the
risk report and the patient treatment plan.

14. A system according to Claim 11 wherein the
processing device further comprises a patient handout
generator for generating patient-specific
instructions and educational material including
guidelines for at least one of exercise, diet and
lifestyle changes based upon the patient information,
the risk report and the patient treatment plan.

15. A system according to Claim 11 wherein the
patient information comprises at least one of gender,
age, body mass index (BMI), cholesterol, blood
pressure, allergies, diseases, family disease
history, symptoms, lifestyle information, and current
medications.

16. A system according to Claim 11 wherein the different medical guidelines comprise medical guidelines for hypertension, diabetes, cholesterol, obesity and coronary disease.

17. A system according to Claim 11 wherein the database further comprises a medication database.

18. A system according to Claim 17 wherein the physician's patient treatment plan includes medication details and options including contraindications.

19. A method for analyzing and researching patients using a global network comprising:
        storing a plurality of different medical guidelines for different health conditions in a guideline database;
        storing historical patient information data for a plurality of patients in a research database;
        collecting patient information from users via the global network;
        evaluating the patient information and generating a patient-specific risk report based upon at least one of the different medical guidelines;
        evaluating the patient data and generating a physician's patient treatment plan including patient-specific recommendations for reducing risk based upon the different medical guidelines; and
        correlating historical patient information data and patient compliance with the physician's patient

treatment plan to generate outcome-specific research

20   data.

20. A method according to Claim 19 wherein the outcome-specific research data includes health trends.

21. A method according to Claim 20 wherein the physician's patient treatment plan is also based upon the health trends.

22. A method according to Claim 19 further comprising generating a patient electronic medical record (EMR) based upon the patient information, the risk report and the patient treatment plan.

23. A method according to Claim 19 further comprising generating patient-specific instructions and educational material including guidelines for exercise, diet and lifestyle changes based upon the
5   patient information, the risk report and the patient treatment plan.

24. A method according to Claim 19 wherein the patient information comprises gender, age, body mass index (BMI), cholesterol, blood pressure, blood sugar, allergies, diseases, family disease history,
5   symptoms, lifestyle information, and current medications.

25. A method according to Claim 19 wherein the different medical guidelines comprise medical

guidelines for hypertension, diabetes, cholesterol, obesity and coronary disease.

26. A method according to Claim 19 further comprising storing medication information in a medication database.

27. A method according to Claim 26 wherein the physician's patient treatment plan includes medication details and options including contraindications.

28. A method according to Claim 19 wherein the different health conditions are cardiovascular related conditions, and the risk is cardiovascular disease.